

WHAT IS CLAIMED IS:

1. A performance control apparatus comprising:  
operation processing means that can control performance represented by the number of instructions executed per unit time;

monitoring means that measures the performance of said operation processing means at predetermined intervals;

performance control means that controls to modify the performance of said operation processing means;

control information memory means that stores control information which is a standard for modifying the performance of said operation processing means; and

history information memory means that stores history information of the performance of said operation processing means measured by said monitoring means;

said performance control means controlling the performance of said operation processing means on the basis of said control information and said history information.

2. A performance control apparatus according to Claim 1, wherein

said monitoring means measures the rate of operation of said operation processing means.

3. A performance control apparatus according to Claim 1, wherein

said control means modifies the performance of said operation processing means when the state that the rate of operation is outside a predetermined range is continued for a predetermined time or more.

4. A performance control apparatus according to Claim 1, wherein

the performance of said operation processing means is modified by insertion of dummy step.

5. A performance control apparatus according to Claim 1, wherein

the performance of said operation processing means is modified by change of a clock frequency of said operation processing means.

6. A performance control apparatus according to Claim 1, wherein

said control information is modified on the basis of a request sent from a terminal.

7. A performance control apparatus according to Claim 1, wherein

said control information can be modified through a network.

8. A performance control apparatus according to Claim 1, comprising

accounting means that calculates a charge for using said operation processing means to make billing.

9. A performance control apparatus according to Claim 8, wherein

said charge for using is calculated on the

basis of said history information.

10. A method of controlling performance in a data processing apparatus including operation processing means that can control performance represented by the number of instructions executed per unit time, comprising the following steps of:

measuring the performance of said operation processing means at predetermined intervals;

storing control information which is a standard for modifying the performance of said operation processing means;

storing history information of the measured performance of said operation processing means; and

controlling the performance of said operation processing means on the basis of said control information and said history information.